

Colloidal silica in water - Particle size

Art. ID	ERM-FD304
Unit	ampoule
Deliverydetails	No Dangerous Good /not restricted

Text/Information	Analyte/Parameter	CAS number	Concentration/Value	Unit	Method	Source
Equivalent Spherical Diameter	Scattering intensity-weighted harmonic mean diameter		42.1 ± 0.6	nm	Dynamic light scattering according to ISO 22412:2008 (cumulative method - ISO 13321:1996)	
Equivalent Spherical Diameter	Extinction intensity-based modal Stokes diameter		33.0 ± 3.0	nm	Centrifuge liquid sedimentation according to ISO 13318-1:2001	